

JOSHUA PALAMUTTAM

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EXPERIENCE

SeekOut

March 2021 - Present

Senior Software Engineer 2, Seattle, WA

Progression: SWE → SWE II → Senior SWE → Senior SWE 2

- Led technical architecture, code reviews, and product development for new recruiter automation product, engaging directly with customers and recruiters to gather requirements while mentoring junior engineers and building scalable systems including LLM-based candidate evaluation and ATS integration
- Served as Forward Deployed Engineer, integrating with multiple client ATS systems across diverse platforms, implementing deep automations for prospect creation, candidate management, and job stage transitions
- Established company-wide AI infrastructure enabling engineering organization to leverage coding agents for code generation, documentation, unit testing, and internal tooling aligned with SeekOut standards
- Collaborated with HR leaders at top organizations to understand recruiting tech stack challenges, and participated in data provider evaluation and contract negotiations to inform strategic vendor partnerships
- Facilitated ETL pipeline transitions for multiple clients to Databricks, reducing errors from previous function app methods while integrating Delta tables for improved time series and business analytics data
- Developed and maintained an external API handling 25 million calls per week, collaborating closely with partner companies to tailor solutions to their specific needs and ensure reliable data exchange at scale
- Contributed to the implementation of a natural language query system for enhanced index querying using LLMs, improving user interaction with the system

Counterpart

May 2020 - March 2021

Software Engineer, Fishers, IN

- Independently architected the React frontend for a higher education financial funding tool for the Indiana state government
- Assisted in the creation of a community service engagement tool for startup Donaide, using .Net MVC
- Developed new features and maintained a custom internal task management software for Keramida, and a custom software selling environmental reports, for ISRI using .Net MVC

Kaiser Permanente Genetics

February 2020 - May 2020

Junior Dot Net Analyst, San Jose, CA

- Researched and developed .Net Core MVC with SQL applications used by the Genetics Department
- Gathered requirements while developing and supporting applications such as an Assay Management tool
- Created autonomous Batch Files and Excel VBA scripts to aid Lab Technicians in their duties

DMI

May 2019 - February 2020

Software Engineer, Indianapolis, IN

- Developed a POC to optimize lot operations at a car auction site, using Angular, Node.js, AWS serverless, SQL
- Assisted in the development of a physics engine to simulate a transmission, for Allison Transmission, proprietary math was done using C++, passed to an Angular, .Net Core, SQL stack, using EF Core
- Built Microsoft Teams Chatbot for DMI, using LUIS an Azure Cognitive Service (NLP)
- Leveraged Azure DevOps across all projects to adhere to SAFe agile practices, such as CI/CD, unit and integration testing

EDUCATION

Rose-Hulman Institute of Technology

2015 - 2019

Bachelor of Science in Computer Science

SKILLS

Programming Languages

C#, Python, Typescript, JavaScript, Java, SQL, HTML, CSS,

Frameworks

.Net core, .Net, React, Angular, Node.js, Spring, Entity Framework Core

Tools

Azure, Docker, Git, Databricks, Claude Code, Gemini

Certifications

AWS Cloud Practitioner, SAFe 4.6